



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-GFP [Clone 1] Bulk Size Ab03481-1.159-BT

**Isotype and Format:** Mouse IgG1-Fc fusion

**Clone Number:** Clone 1

**Alternative Name(s) of Target:** Green fluorescent protein

**UniProt Accession Number of Target Protein:** P42212

**Published Application(s):** FC

**Published Species Reactivity:** Aequorea victoria (Water jellyfish, Mesonema victoria)

**Immunogen:** The original antibody was isolated from a nanobody library derived from a llama immunized with green fluorescent protein using yeast surface display platform.

**Specificity:** This antibody binds green fluorescent protein.

**Application Notes:** The binding characterization of this antibody for green fluorescent protein was done using flow cytometry. The binding affinity of this antibody for GFP was calculated to be  $K_d = 2.6\text{nM}$  (PMID: 19861136).

**Antibody First Published in:** Ryckaert et al. Isolation of antigen-binding camelid heavy chain antibody fragments (nanobodies) from an immune library displayed on the surface of *Pichia pastoris*. *J Biotechnol.* 2010 Jan 15;145(2):93-8. [PMID:19861136](#)

**Note on publication:** Describes the use of a yeast surface display platform for rapid discovery of conformationally selective nanobodies.

### Product Form

**Size:** 500 µg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.